

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116384.D
 Acq On : 19 Aug 2019 12:40
 Operator : HP/JU
 Sample : PB122287BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

Quant Time: Aug 19 16:31:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135296	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	513903	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	270302	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	482772	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	350633	20.00	ng	-0.02
87) Perylene-d12	15.42	264	331013	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1057099	130.80	ng	0.00
7) Phenol-d6	6.45	99	1372083	134.56	ng	-0.01
23) Nitrobenzene-d5	7.37	82	875583	98.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	347123	132.46	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1476109	102.29	ng	-0.01
79) Terphenyl-d14	12.90	244	1643112	98.74	ng	-0.01

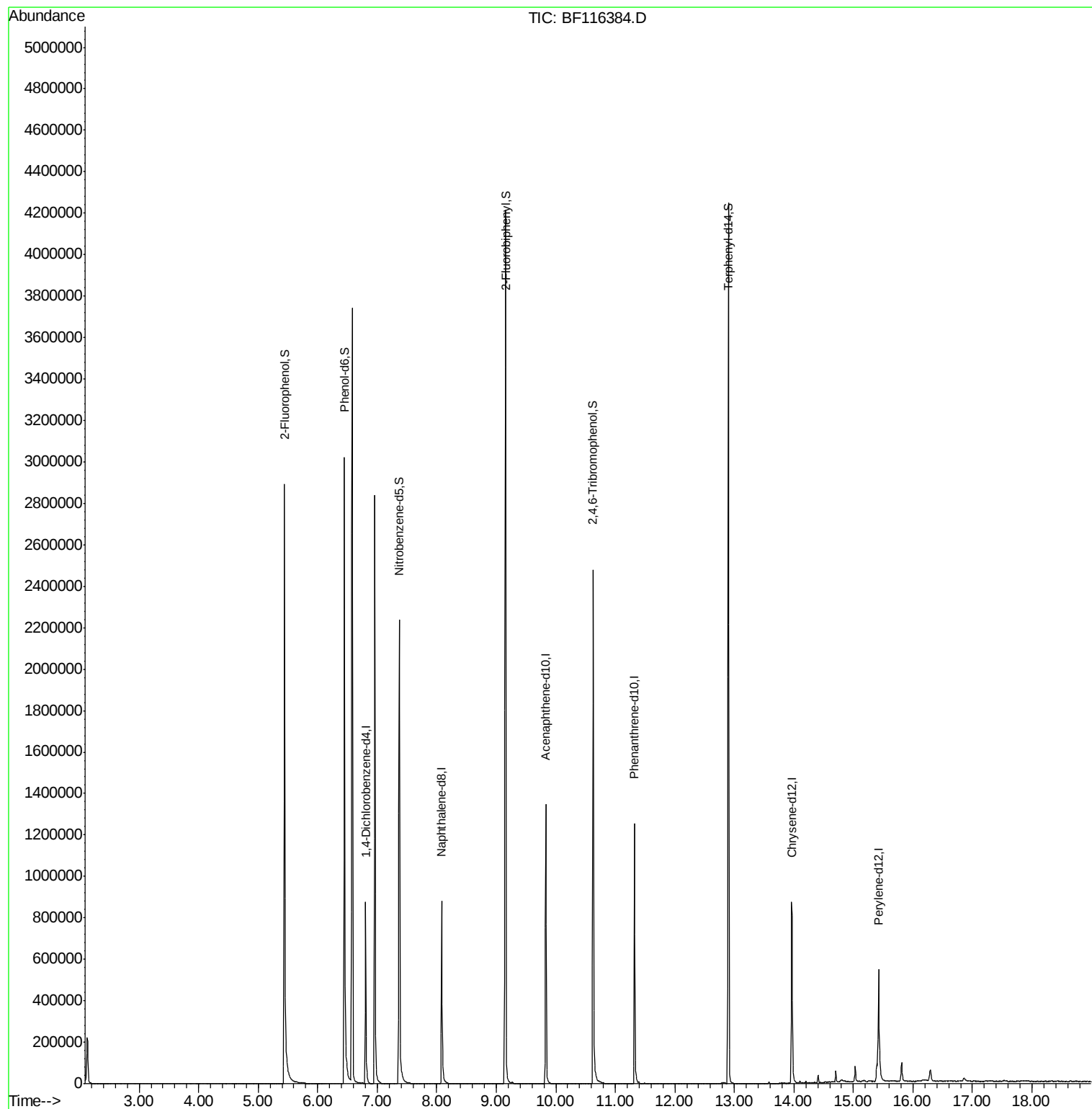
Target Compounds Qvalue

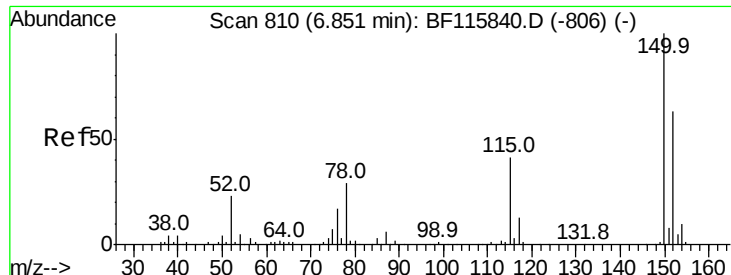
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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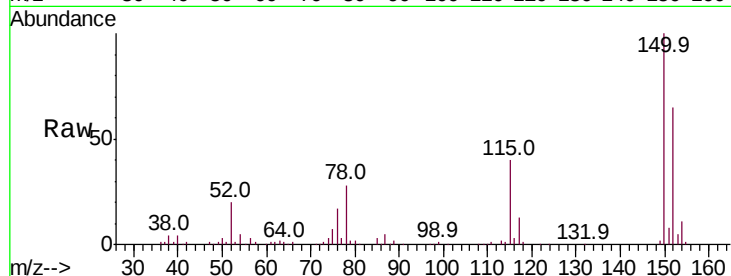


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	61.3	49.9	74.9

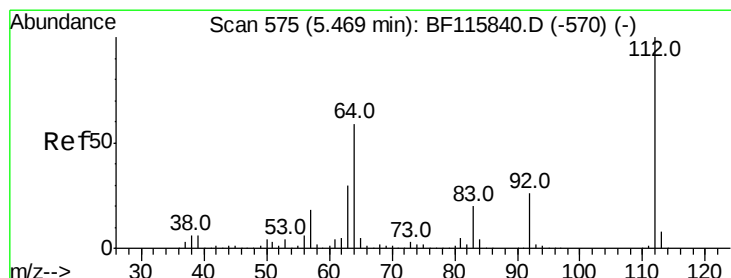
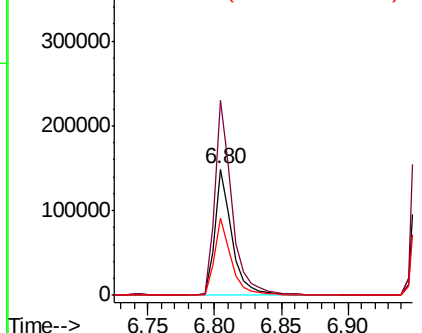
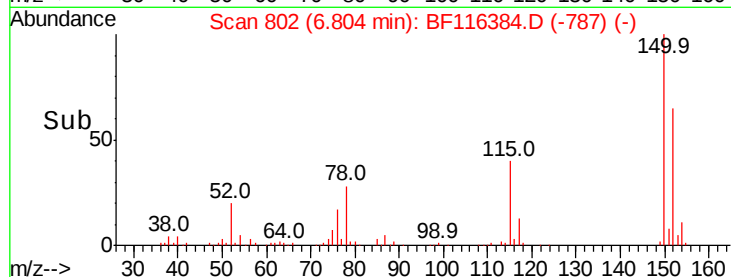


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

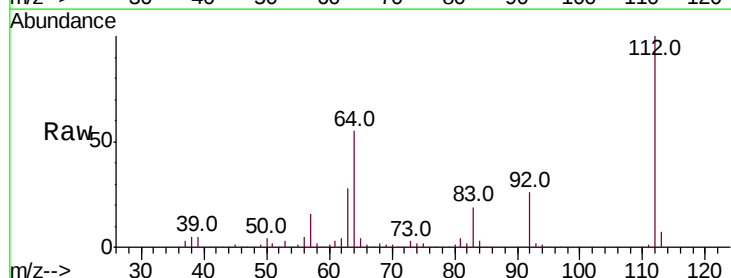
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 130.798 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.4	68.2
63	28.2	23.7	35.5

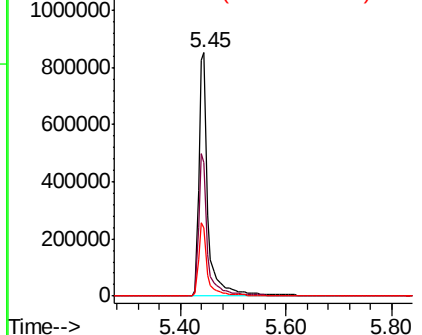
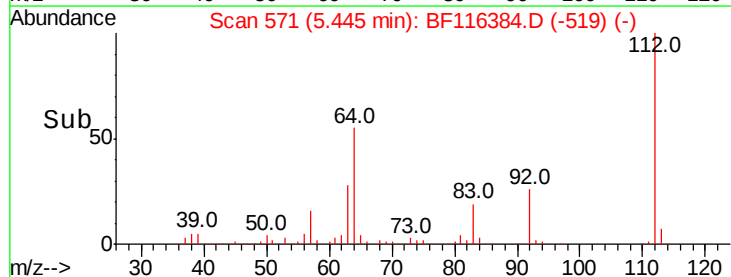


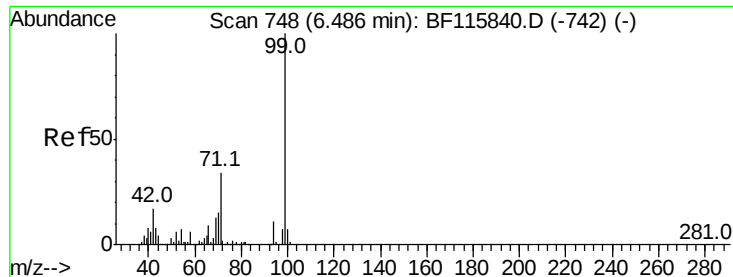
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.561 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Instrument :

BNA_F

ClientSampleId :

PB122287BL

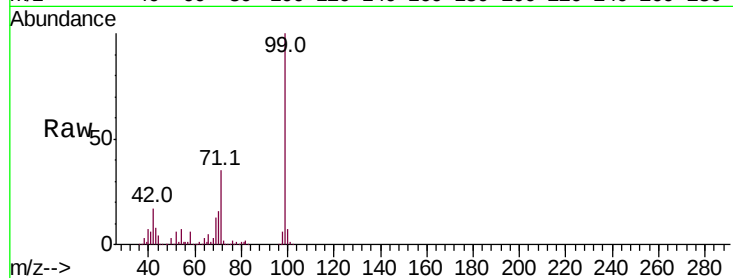
Tot Ion: 99 Resp: 1372083

Ion Ratio Lower Upper

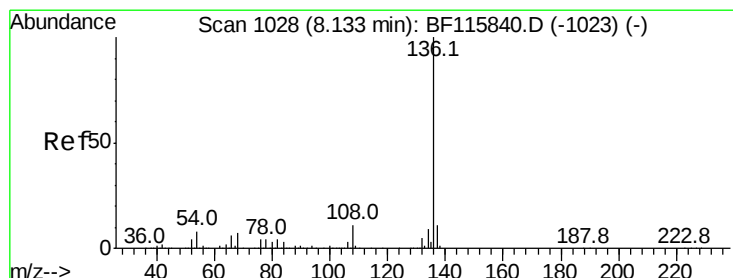
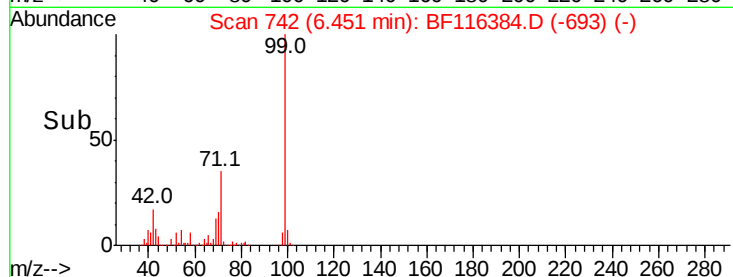
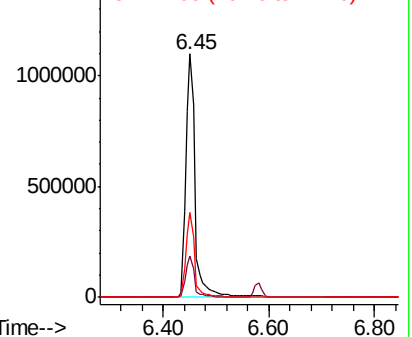
99 100

42 17.1 13.8 20.8

71 35.0 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Tgt Ion: 136 Resp: 513903

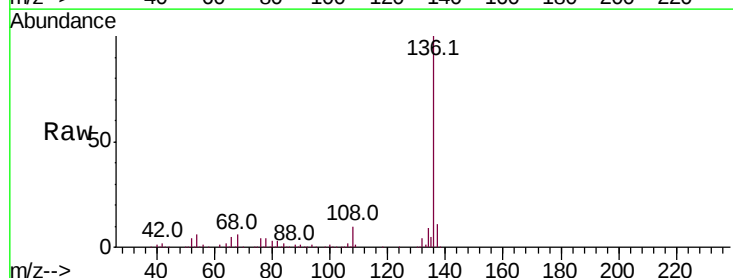
Ion Ratio Lower Upper

136 100

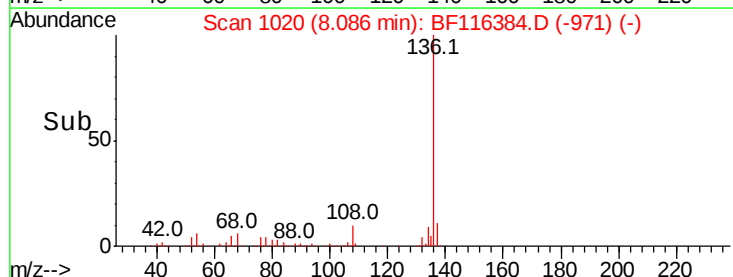
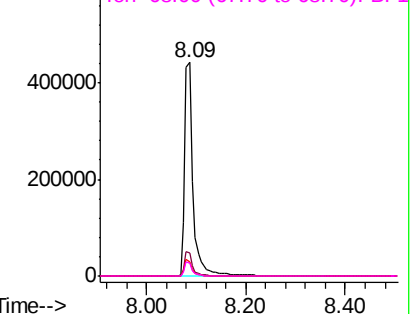
137 10.8 9.0 13.4

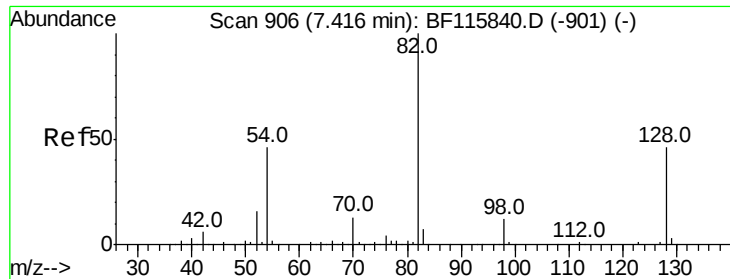
54 6.4 5.8 8.6

68 5.8 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

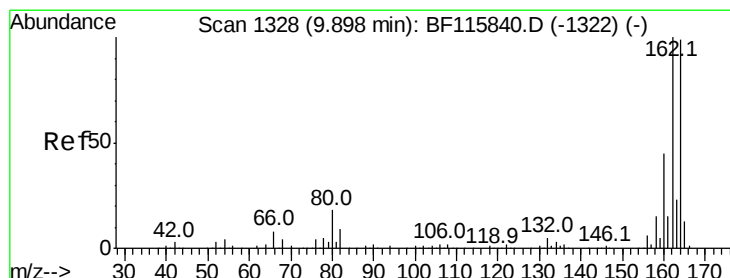
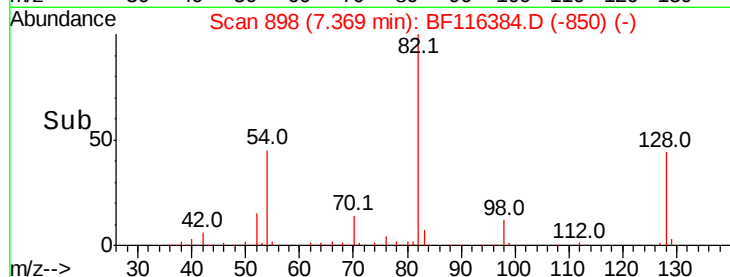
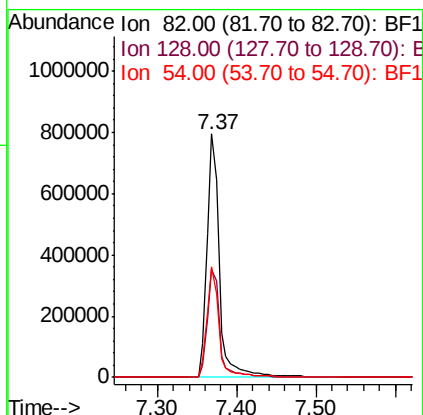
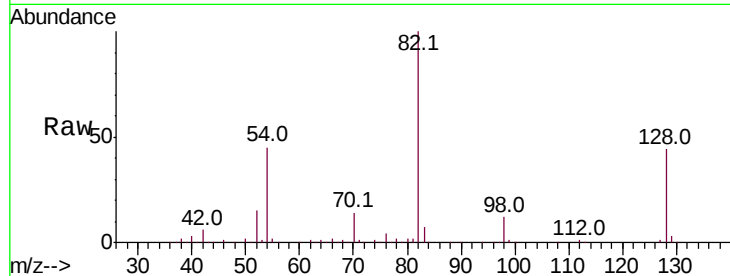




#23
 Nitrobenzene-d5
 Concen: 98.348 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

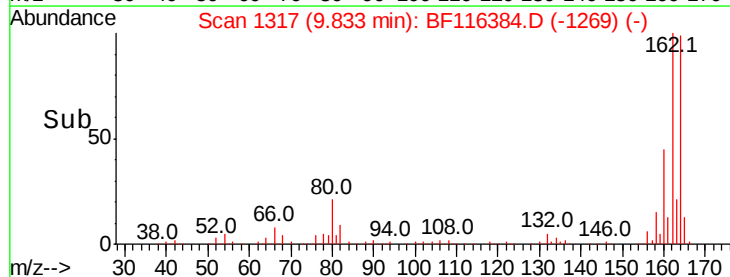
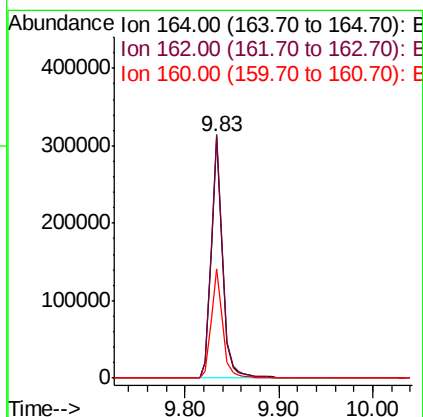
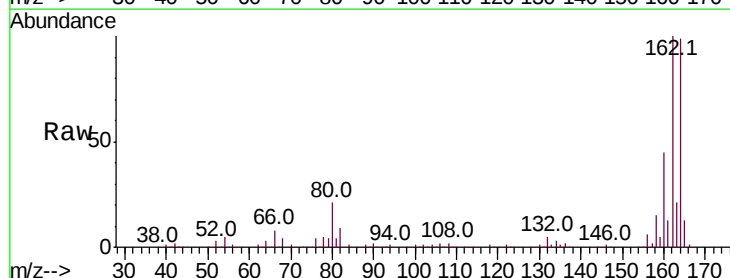
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

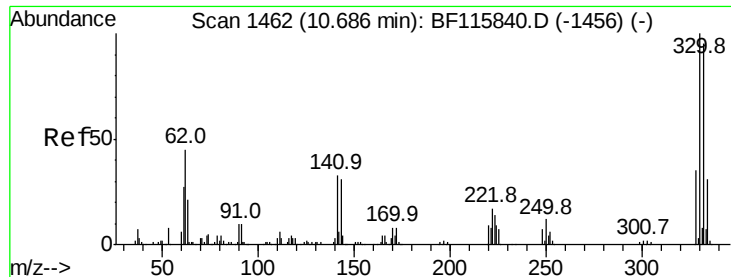
Tot Ion	82	Resp	875583
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.5	54.7
54	45.4	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Tgt Ion	164	Resp	270302
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.6	124.0
160	45.3	37.6	56.4

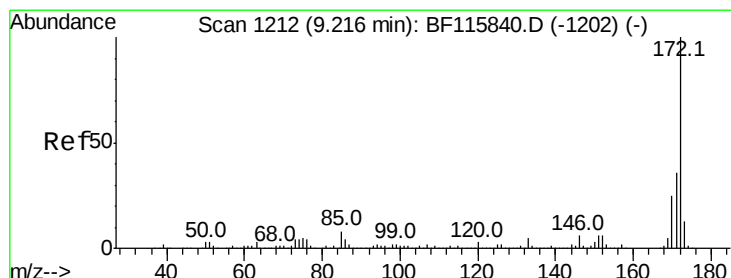
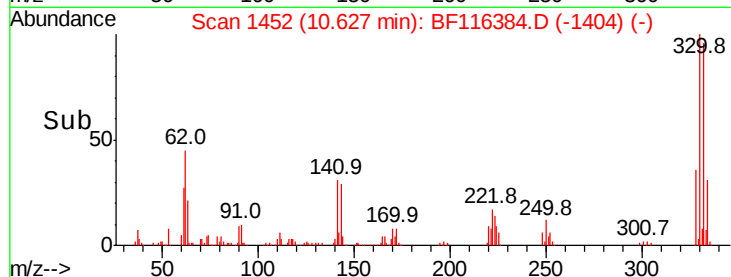
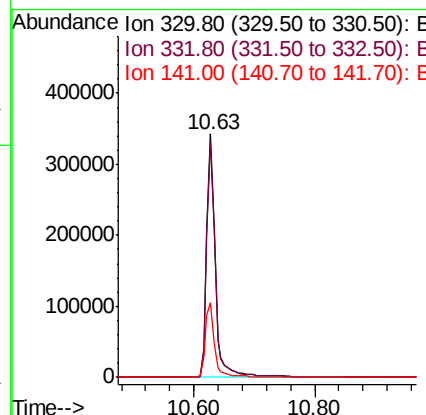
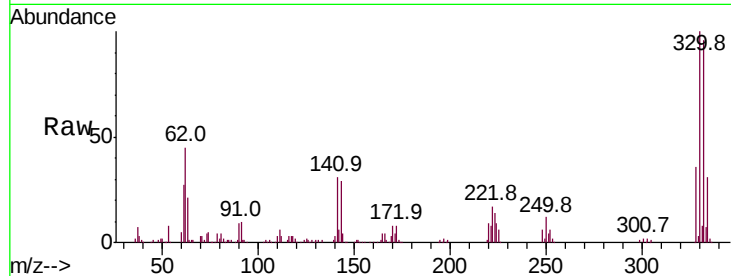




#42
 2,4,6-Tribromophenol
 Concen: 132.457 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

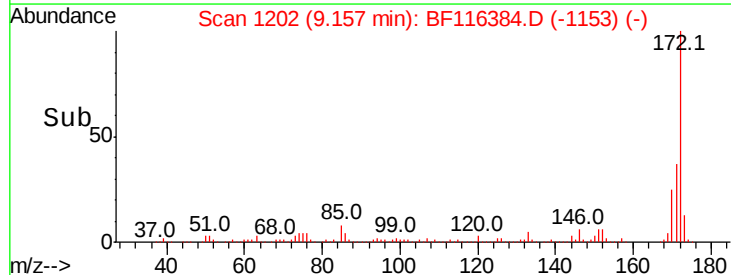
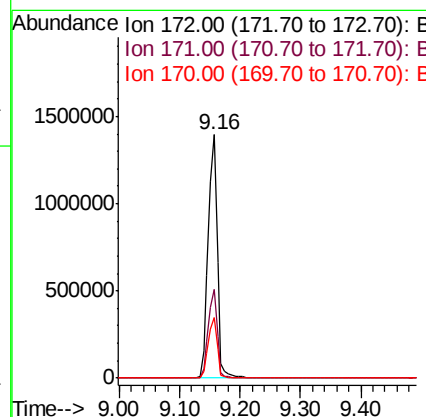
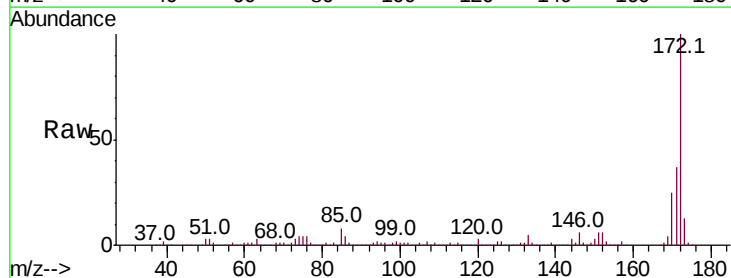
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

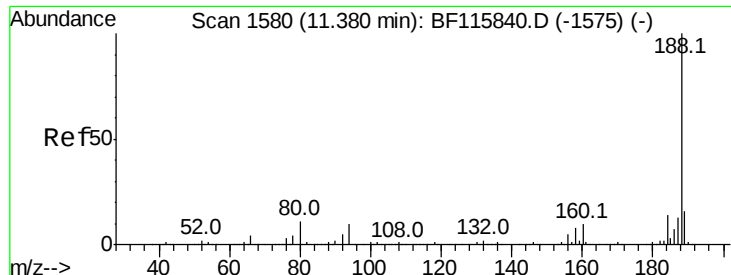
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	32.8	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 102.288 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.0	20.1	30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Instrument :

BNA_F

ClientSampleId :

PB122287BL

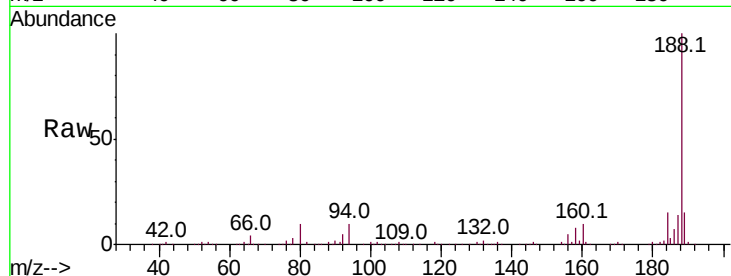
Tot Ion:188 Resp: 482772

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

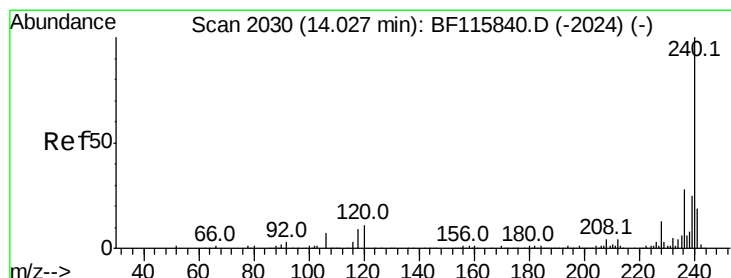
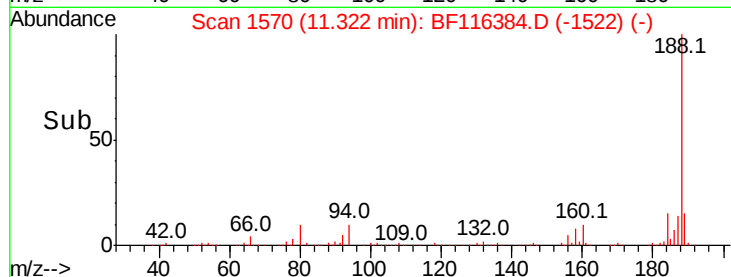
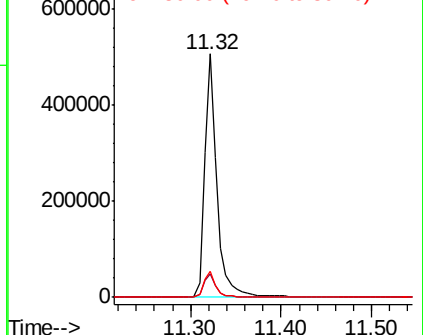
80 10.5 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

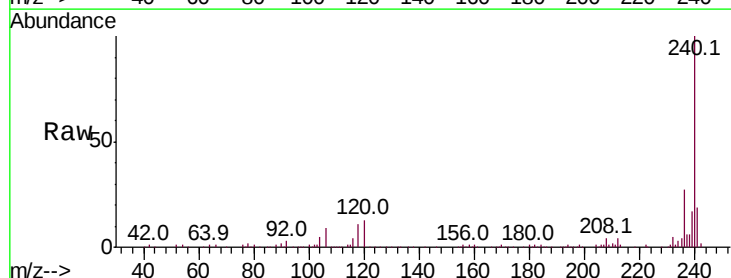
Tgt Ion:240 Resp: 350633

Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

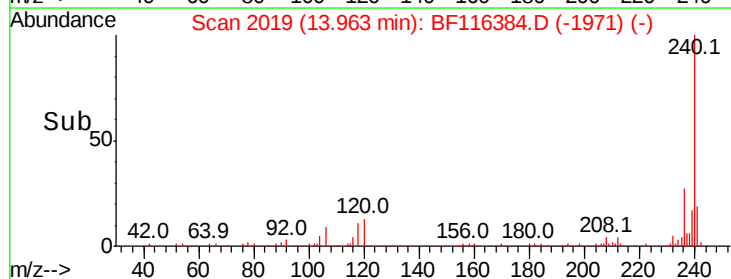
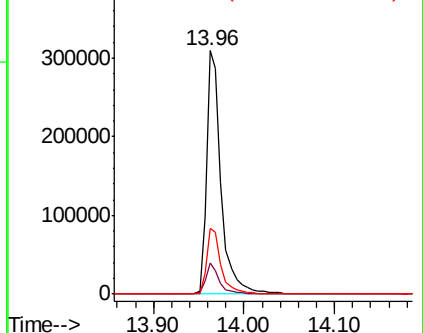
236 26.9 22.2 33.2

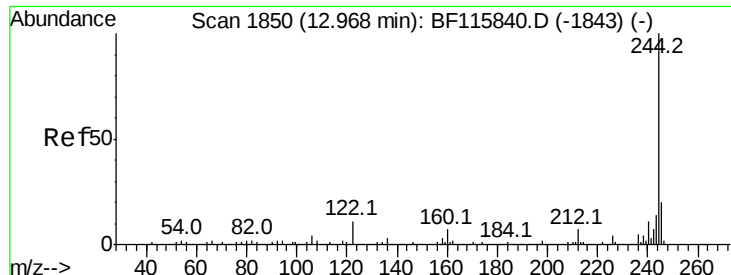


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.745 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Instrument :

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ClientSampleId :

PB122287BL

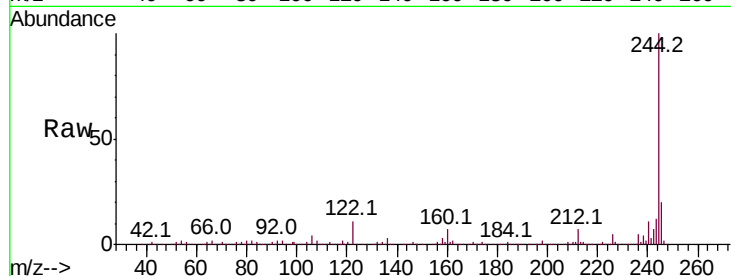
Tot Ion:244 Resp: 1643112

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

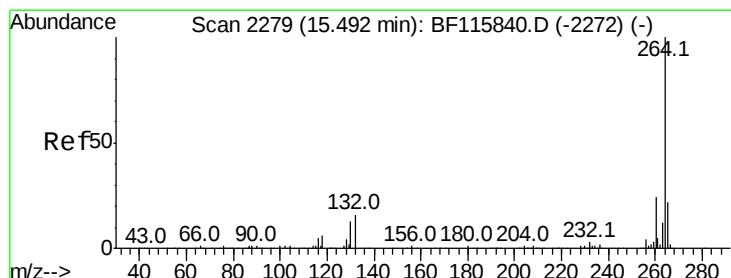
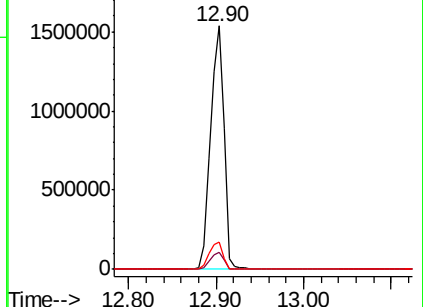
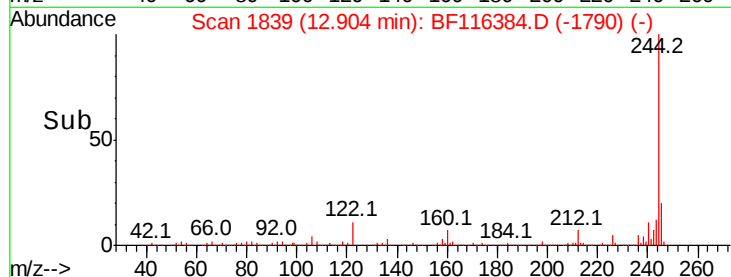
122 11.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

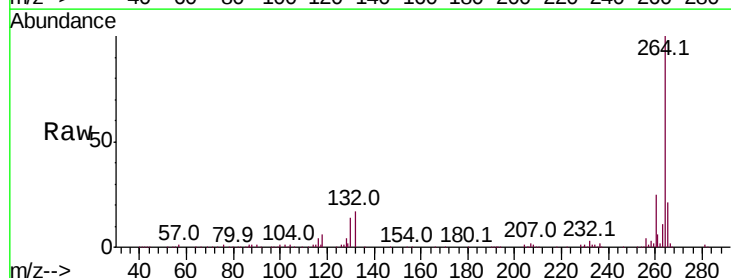
Tgt Ion:264 Resp: 331013

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

